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DATE: November 8, 2003	URGENCY: <input type="checkbox"/> SUPER RUSH <input type="checkbox"/> RUSH <input type="checkbox"/> REGULAR
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MESSAGE:

Applicant: Arthur J. Coury, Stephen D. Goodrich, Hildegard M. Kramer, Luis Z. Avila, John F. Traverse, and Peter K. Jarrett

Serial No.: 09/658,390

Art Unit: 1617

Filed: September 8, 2000

Examiner: S. Wang

For: **HYDROGELS FOR ORTHOPEDIC REPAIR**

PTO/SS/21 (08-03)

Approved for use through 07/31/2006, OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/658,390	
	Filing Date	September 8, 2000	
	First Named Inventor	Arthur J. Coury	
	Art Unit	1617	
	Examiner Name	S. Wang	
Total Number of Pages in This Submission	13	Attorney Docket Number	FTI 126

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Rivka D. Monheit, Esq., Reg. No. 48,731	Holland & Knight LLP
Signature	Suite 2000, One Atlantic Center, 1201 West Peachtree Street, N.E.; Atlanta, GA 30309-3400	
Date	November 3, 2003	

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for FY 2003

Effective 01/01/2003, Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$ 110.00**Complete If Known**

Application Number	09/658,390
Filing Date	September 8, 2000
First Named Inventor	Arthur J. Coury
Examiner Name	S. Wang
Art Unit	1617
Attorney Docket No.	FTI 126

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☐ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$).00**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
12	-20	0	0.00
1	-3**	0	0.00
Multiple Dependent			0.00

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2206 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$).00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

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1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1261 110	2251 55	Extension for reply within first month	110.00
1252 410	2252 205	Extension for reply within second month	
1253 930	2253 465	Extension for reply within third month	
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(a)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

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Name (Print/Type)	Rivka D. Monheit	Registration No. (Attorney/Agent)	48,731	Telephone (404) 817-8514
Signature	<i>Rivka D. Monheit</i>	Date	November 3, 2003	

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Applicant: Arthur J. Coury, Stephen D. Goodrich, Hildegard M. Kramer, Luis Z. Avila, John F. Traverse, and Peter K. Jarrett

Serial No.: 09/658,390

Art Unit: 1617

Filed: September 8, 2000

Examiner: S. Wang

For: *HYDROGELS FOR ORTHOPEDIC REPAIR*

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE TO OFFICE ACTION

Sir:

Responsive to the Office Action mailed on July 2, 2003, please amend the application as follows. Submitted with this Amendment and Response is a Petition for Extension of Time, to extend the period for response one month, to and including Monday, November 3, 2003. The Commissioner is hereby authorized to charge \$110, the fee for a one month extension of time, to Deposit Account No. 50-1868. It is believed that no additional fee is required with this submission. However, should an additional fee be required, the Commissioner is hereby authorized to charge the fee to Deposit Account No. 50-1868.

U.S.S.N. 09/658,390

Filed: September 8, 2000

AMENDMENT AND RESPONSE TO OFFICE ACTION

Amendment

Please enter the following amendment.

Claims 1-37 (Previously Canceled).

38. (Previously amended) A composition for forming a water-absorbing, high modulus polymeric material comprising at least one macromer and at least one monomer, wherein the macromer comprises hydrophobic and hydrophilic regions, has a molecular weight of 500 to 200,000 Da and has at least two polymerizable groups,

wherein the monomer contains at least one vinyl group and has a molecular weight of less than 1,000 Da, and

wherein the monomer comprises at least 30% (wt/wt) of the composition, and

wherein the composition forms a gel upon polymerization.

39. (Original) The composition of claim 38, wherein the composition is in the form of a fluid or paste.

40. (Original) The composition of claim 38, further comprising water.

41. (Original) The composition of claim 38, wherein the macromer is polyethyleneglycol-trimethylene carbonate-diacrylate.

42. (Original) The composition of claim 38, wherein the monomer is selected from the group consisting of vinyl caprolactam, methyl acrylate, methyl methacrylate, styrene, N-vinyl pyrrolidone, and N-vinyl imidazole, diacetone acrylamide, vinyloxyethanol, 2-acrylamido-2-methylpropane, and methyl acryloyl lactate and mixtures and derivatives thereof.